

Converting Colors

$Y_{xy}(58.2403, 0.2219, 0.1992)$

Have a look what the booklet for
Yxy(58.2403, 0.2219, 0.1992)
contains.

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Color

Yxy(53.0413, 0.2511, 0.2560)

Conversions

Conversions Part 1

Format	Color
Hex	A2C1FF
RGB	162, 193, 255
RGB Percent	64%, 76%, 100%
CMY	0.3646, 0.2432, 0.0000
CMYK	0.36, 0.24, 0.00, 0.00
HSL	220°, 100%, 82%
HSV	220°, 36%, 100%
XYZ	52.0261, 53.0413, 102.1252
YIQ	190.7990, -38.3780, 12.7100

Conversions

Conversions Part 2

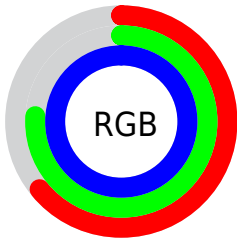
Format	Color
R_{YB}	162, 185, 255
Decimal	10666495
CIE _{Lab}	77.90, 4.27, -33.88
CIE _{LCh}	78, 34.146, 277.181
Yxy	53.0413, 0.2511, 0.2560
Android (android.graphics.Color)	4288856575 (0xFFA2C1FF)
YUV	190.7990, 31.6511, -25.2567
Hunter-Lab	72.8295, 0.0607, -32.1589

Details

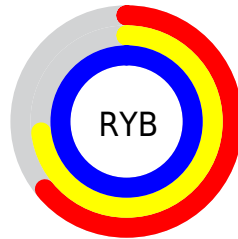
The Yxy color **53.0413, 0.2511, 0.2560** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **77.1941, 0.3782, 0.3923**, and the grayscale version is **51.8096, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.0314, 0.2909, 0.3228**, and **25.9592, 0.2359, 0.2389** is the 20% darker color. If you saturate the color by 10%, you get **43.5450, 0.2330, 0.2315**, and if you desaturate by 10%, it is **63.9441, 0.2691, 0.2788**.

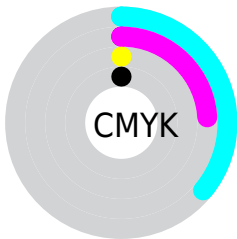
Distribution



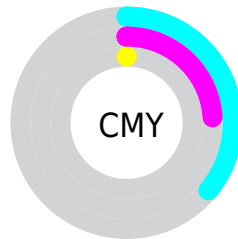
- Red (64%)
- Green (76%)
- Blue (100%)



- Red (64%)
- Yellow (73%)
- Blue (100%)



- Cyan (36%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)



- Cyan (36%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.0413, 0.2511, 0.2560 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 53.0413, 0.2511, 0.2560 by changing the saturation by 10% instead.

■ 53.0413, 0.2511,
0.2560

■ 53.0413, 0.2511,
0.2560

■ 398.4436, 0.2806,
0.2905

■ 37.8357, 0.2442,
0.2480

■ 94.6651, 0.2615,
0.2681

■ 25.8552, 0.2356,
0.2382

■ 121.8522, 0.2655,
0.2727

■ 16.7154, 0.2247,
0.2258

■ 153.8019, 0.2689,
0.2767

■ 10.0318, 0.2104,
0.2096

■ 190.8986, 0.2719,
0.2802

■ 5.4200, 0.1911,
0.1880

■ 233.5267, 0.2745,
0.2833

■ 2.4958, 0.1638,
0.1580

■ 282.0707, 0.2767,

■ 0.8745, 0.1240,

0.2860

0.1155

336.9148, 0.2788,
0.2884

0.0000, 0.0000,
0.0000

53.0413, 0.2511,
0.2560

53.0413, 0.2511,
0.2560

43.5450, 0.2330,
0.2315

63.9441, 0.2691,
0.2788

35.3923, 0.2153,
0.2059

76.3105, 0.2864,
0.2995

28.5161, 0.1988,
0.1799

90.1952, 0.3028,
0.3181

22.8424, 0.1845,
0.1547

100.0000, 0.3127,
0.3290

18.2880, 0.1730,
0.1313

■ 14.7546, 0.1647,
0.1110

■ 13.7092, 0.1624,
0.1045

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



53.0413, 0.2315, 0.2691



53.0413, 0.2511, 0.2560



53.0413, 0.2875, 0.2605

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



53.0413, 0.2511, 0.2560



53.0413, 0.4013, 0.3474



53.0413, 0.2880, 0.3863

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



53.0413, 0.2511, 0.2560



77.1941, 0.3782, 0.3923

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



53.0413, 0.3330, 0.4099



53.0413, 0.2511, 0.2560



53.0413, 0.4002, 0.3822

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



53.0413, 0.2511, 0.2560



53.0413, 0.3763, 0.3111



53.0413, 0.3744, 0.4067



53.0413, 0.2514, 0.3438

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



53.0413, 0.2511, 0.2560



53.0413, 0.3177, 0.2722



53.0413, 0.3744, 0.4067



53.0413, 0.3026, 0.3970

Sweetspot

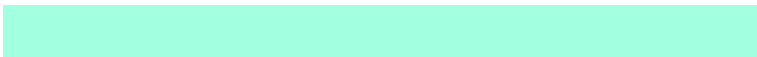
The Sweet Spot groups the original color and five complimentary colors.



53.0416, 0.2511, 0.2560



83.7034, 0.2955, 0.3099



84.5858, 0.2762, 0.3643



17.5141, 0.2932, 0.3074



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



53.0416, 0.2511, 0.2560



45.7563, 0.2374, 0.2377



42.4760, 0.2565, 0.2213



18.3663, 0.2979, 0.3127



7.4071, 0.1632, 0.1075



0.9124, 0.1694, 0.1298

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



50.9580, 0.3716, 0.2968



44.1475, 0.3898, 0.2902



92.5679, 0.3571, 0.4235



18.0869, 0.3242, 0.3211



11.4757, 0.5648, 0.2885



1.1367, 0.5329, 0.2710

Previews

White Background



This preview shows how the Yxy color 53.0413, 0.2511, 0.2560 looks on a white background.

Color Contrast Check

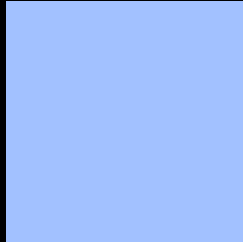
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 53.0413, 0.2511, 0.2560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

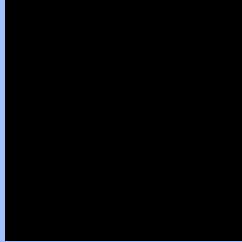
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

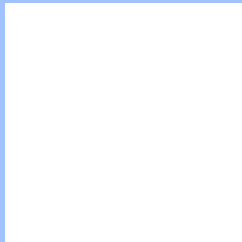
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.0413, 0.2511, 0.2560

Background



This preview shows how black text looks on a background with the Yxy color 53.0413, 0.2511, 0.2560.



This preview shows how white text looks on a background with the Yxy color 53.0413, 0.2511, 0.2560.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

53.0413, 0.2511, 0.2560

Protanopia

53.0327, 0.2598, 0.2560

Deuteranopia

52.8453, 0.2592, 0.2529



Tritanopia

53.0387, 0.2685, 0.3084

Trichromacy



Original Color

53.0413, 0.2511, 0.2560

Protanomaly

52.9634, 0.2562, 0.2556

Deuteranomaly

52.7048, 0.2561, 0.2535

Tritanomaly

52.7136, 0.2618, 0.2878

Monochromacy



Original Color

53.0413, 0.2511, 0.2560

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.2576, 0.2877, 0.3018

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.0413, 0.2511, 0.2560 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(162, 193, 255)` looks like.

```
.text, #text, p{  
    color:rgb(162, 193, 255)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(162, 193, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 193, 255) }
```

Border

The CSS property to change the border of an element to Yxy 53.0413, 0.2511, 0.2560 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(162, 193, 255) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(162, 193, 255) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(162, 193, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 193, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 193, 255);  
box-shadow:4px 4px 4px 4px rgb(162, 193,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 53.0413, 0.2511, 0.2560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 193, 255) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(162,  
193, 255) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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